## REMARKS

The applicant has amended the specification to correct a typographical error. The amendment does not introduce new matter.

The examiner rejected each claim as anticipated by *Rowland*, U.S. Patent No. 6,405,318. As best understood, the examiner understands *Rowland*'s description of a user logging into and logging out of a user account to correspond to receiving a query from a user. As amended, however, claim 1 requires "receiving a database query from a user." *Rowland* neither describes nor suggests this element. Indeed, *Rowland* does not discuss databases at all.

Furthermore, as amended, claim 1 requires

> defining at least one intrusion detection profile, each profile including a set of item access rates, one of which includes a definition of a number of rows that may be accessed in a predetermined period of time .

As best understood, the examiner considers the intrusion detection profile to correspond to the login anomaly detector and logout anomaly detector, described in *Rowland*'s FIGS. 3, 5A, and 5B, or to the port scan detector or session monitor described in *Rowland*'s FIGS. 6 and 7. *Rowland* describes these modules as detecting anomalous user activity. In particular, *Rowland* describes checking:

- whether the user has logged in from a foreign domain (FIG. 3, ref 26);
- whether the user is currently logged in multiple times (FIG. 3, ref. 28);
- whether the user is logged in at an abnormal time of day (FIG. 3, ref. 30);
- whether the user's login matches a known attack pattern (FIG. 3, ref. 34);
- whether the user's history file has been compromised (FIG. 5A, ref. 51);
- whether a host file has a dangerous modification (FIG. 5A, ref. 56);
- whether the home directory has a suspicious modification (FIG. 5A, ref. 59);
- whether network processes remain active after the user has logged out (FIG. 5B, ref. 63);
- whether an audit record has been altered or is missing (FIG. 5B, ref. 66);
- whether a generic file exists (FIG. 5B, ref. 67);

- whether a directory name is suspicious (FIG. 5B, ref. 66); and
- whether a .rhosts file exists (FIG. 5B, ref. 69).

*Rowland* also discloses tests relating to network ports (FIG. 6) and to user activity while the user is logged in, comparing the activity to certain known (but unspecified) attack patterns and threat events (FIG. 7, ref. 95).

Thus, although *Rowland* discloses many ways to detect anomalous user activity, none of those ways involves an item access rate. In none of *Rowland*'s examples does he define "a number of rows that may be accessed in a predetermined period of time," as required by claim 1.

The remaining claims contain all of the limitations of claim 1, and are patentable for at least the same reasons.

Applicant amends the claims solely to expedite prosecution of this application or to clarify the intended scope of the claims. The amendments are not to be construed as an admission that the claims prior to amendment are unpatentable. Furthermore, in addition to the above arguments, there may be other good grounds for patentability of the claims.

Enclosed is a $120 check for the Petition for Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

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